

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representation of
The original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

We claim:

1. A latch mechanism for a collapsible container, the latch mechanism having:

a latch member disposed at an end of a sidewall of the container; and
a latch pivotally connected to a corresponding end of an adjacent sidewall of the container, the latch having a body with a biasing means attached thereto, for releasably engaging the latch member when the sidewall and the adjacent sidewall are in an assembled position.

2. The latch mechanism according to claim 1, wherein the biasing means includes a pair of resiliently deformable arms.

6 3. The latch mechanism according to claim 2, wherein the latch further has a pair of hinge posts extending from the body, for hinged coupling with the corresponding end of the adjacent sidewall of the container.

0 4. The latch mechanism according to claim 3, wherein the latch member includes a substantially rectangular aperture.

0 5. The latch mechanism according to claim 4, wherein the latch includes a lug for releasably engaging the latch member.

0 6. The latch mechanism according to claim 5, wherein the latch member has a tapered end.

0 7. The latch mechanism according to claim 3, wherein the resiliently deformable arms abut a portion of the adjacent sidewall.

0 8. The latch mechanism according to claim 7, wherein the body has an aperture for receiving an actuating member.

10045684-011502

9. A latch for a collapsible container, the latch having:
a latch body for hinged coupling with an end of a sidewall of the container; and
a biasing means attached to the latch body for biasing the latch body in engagement with a latch member.
10. The latch according to claim 9, wherein the biasing means includes a pair of resiliently deformable arms.
11. The latch according to claim 10, wherein the latch further has a pair of hinge posts extending from the latch body, for hinged coupling with an end of a sidewall of the container.
12. The latch according to claim 11, wherein the latch further has a lug for releasably engaging the latch member.
13. The latch according to claim 12, wherein the latch body has an aperture for receiving an actuating member.
14. A collapsible container having:
a base;
two pairs of opposed sidewalls pivotally attached to the base;
a latch member disposed at an end of one of the sidewalls;
a latch pivotally connected to a corresponding end of an adjacent sidewall, the latch having a body with a biasing means attached thereto, for releasably engaging the latch member when the sidewalls are in an assembled position.
15. The collapsible container according to claim 14, wherein the biasing means includes a pair of resiliently deformable arms.

16. The collapsible container according to claim 15, wherein the latch further has a pair of hinge posts extending from the latch body for hinged coupling with the adjacent sidewall.
17. The collapsible container according to claim 16, wherein the resiliently deformable arms abut a portion of the adjacent sidewall.
18. The collapsible container according to claim 17, wherein the portion of the adjacent sidewall is an inward rib and the resiliently deformable arms of the latch abut the inward rib.
19. The collapsible container according to claim 16, wherein the adjacent sidewall has a pair of hinge posts apertures for receiving the hinge posts of the latch.
20. The collapsible container according to claim 18, wherein the body has an aperture for receiving an actuating member.
21. The collapsible container according to claim 20, wherein the adjacent sidewall has a pair of actuating members.
22. The collapsible container according to claim 21, wherein the pair of actuating members are joined by a single hand actuator.
23. The collapsible container according to claim 22, wherein the actuation of the single hand actuator causes the latch to pivot about the hinge post apertures.
24. A collapsible container having:
 - a base;
 - a first pair and a second pair of opposed sidewalls pivotally coupled to the base, the sidewalls pivotable between an assembled position and a collapsed position;

a latch member disposed at each end of the first pair of opposed sidewalls;
and

a latch hingedly coupled with each end of the second pair of opposed sidewalls, for releasably engaging the latch member when the sidewalls are in the assembled position, the latch having a body and a biasing means attached thereto for biasing the body in engagement with the latch member when the sidewalls are in the assembled position.

25. The collapsible container according to claim 24, wherein the biasing means includes a pair of resiliently deformable arms.

26. The collapsible container according to claim 25, wherein the latch further has a pair of hinge posts extending from the body, for hinged coupling with each end of the second pair of opposed sidewalls.

27. The collapsible container according to claim 26, wherein the resiliently deformable arms of the latch abut a portion of the second pair of opposed sidewalls.

28. The collapsible container according to claim 30, wherein each end of the second pair of opposed sidewalls includes an inward rib and the resiliently deformable arms of the latch abut the inward rib.

29. The collapsible container according to claim 26, wherein each end of the second pair of opposed sidewalls includes a pair of hinge post apertures for receiving the hinge posts of the latch.

30. The collapsible container according to claim 32, wherein the body has an aperture for receiving an actuating member.

31. The collapsible container according to claim 33, wherein each of the second pair of opposed sidewalls includes a pair of actuating members.

32. The collapsible container according to claim 34, wherein the pair of actuating members are joined by a single hand actuator.

33. The collapsible container according to claim 35, wherein actuation of the single hand actuator causes the latch to pivot about the hinge post apertures.

34. The collapsible container according to claim 14, wherein the latch member includes a substantially rectangular aperture.

35. The collapsible container according to claim 24, wherein the latch member includes a substantially rectangular aperture.

36. The collapsible container according to claim 14, wherein the latch includes a lug for releaseably engaging the latch member.

37. The collapsible container according to claim 24, wherein the latch includes a lug for releaseably engaging the latch member.

38. The collapsible container according to claim 14, wherein the latch member has a tapered end.

39. The collapsible container according to claim 24, wherein the latch member has a tapered end.

20250115 185400